



Commonwealth of Virginia
 Department of Mines, Minerals, and Energy
 Division of Gas and Oil
 P.O. Box 1416; Abingdon, VA 24212
 Telephone: (276) 676-5423

Tracking Number: 86
 Company: CNX Gas Company LLC
 File Number: BU-3118
 Operations Name: CBM E27 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 6/21/2006 Drilling Contractor: NOAH HORN WELL DRILLING
 Date drilling completed: 6/25/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,515
 Log Total Depth (feet): 2,523 Coal Seam At Total Depth Pocahontas

2. Final Location Plat (as required by 4 VAC25-150-360.C.)

Permitted State Plane X 995,483 Final Plat State Plane X: 995,487
 Permitted State Plane Y: 358,528 Final Plat State Plane Y: 358,532

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
E27	E27 WELL LOCATION PLAT(FINAL).pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
2,005	DAMP	

Coal Seams

List of Attached Items:

Description	FileName
E27	E27 COAL SEAMS-EXHIBIT A.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
E27	E27 FORMATION TABLE(GAS SHOW).jpg

4. Electric Logs (As required by 4VAC25-150-280.A.)

List all logs run: CALIPER,GAMMA,DENSITY,TEMP,DEVIATION

Did logs disclose vertical locations of a coal seam? Yes No

5. Survey Results (As required by 4VAC25-150-280.B.2)

List of Attached Items:

Description	FileName
E27	E27 PLAN VIEW-DEVIATION LOG.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
E27	E27 CASING.jpg

7. Remarks

Use this space to note any conditions or occurrences, such as lost circulation, fishing jobs, junk left in hole, sidetracks, squeeze jobs, etc., not shown above. Include data and depth of condition/occurrence.

7" CASING CEMENTED TO SURFACE ON THE ANNULUS.

8. Drillers Log

Compiled By: LESLIE ARRINGTON

List of Attached Items:

Description	FileName
E27	E27 DRILL DATA.pdf

9. Comments

HARDCOPY PREVIOUSLY APPROVED BY INSPECTOR

10. Signature

Permitee: CNX Gas Company LLC Date: 12/12/2006 (Company)

Signed By: LESLIE ARRINGTON Title: MANAGER (Signature)

INTERNAL USE ONLY

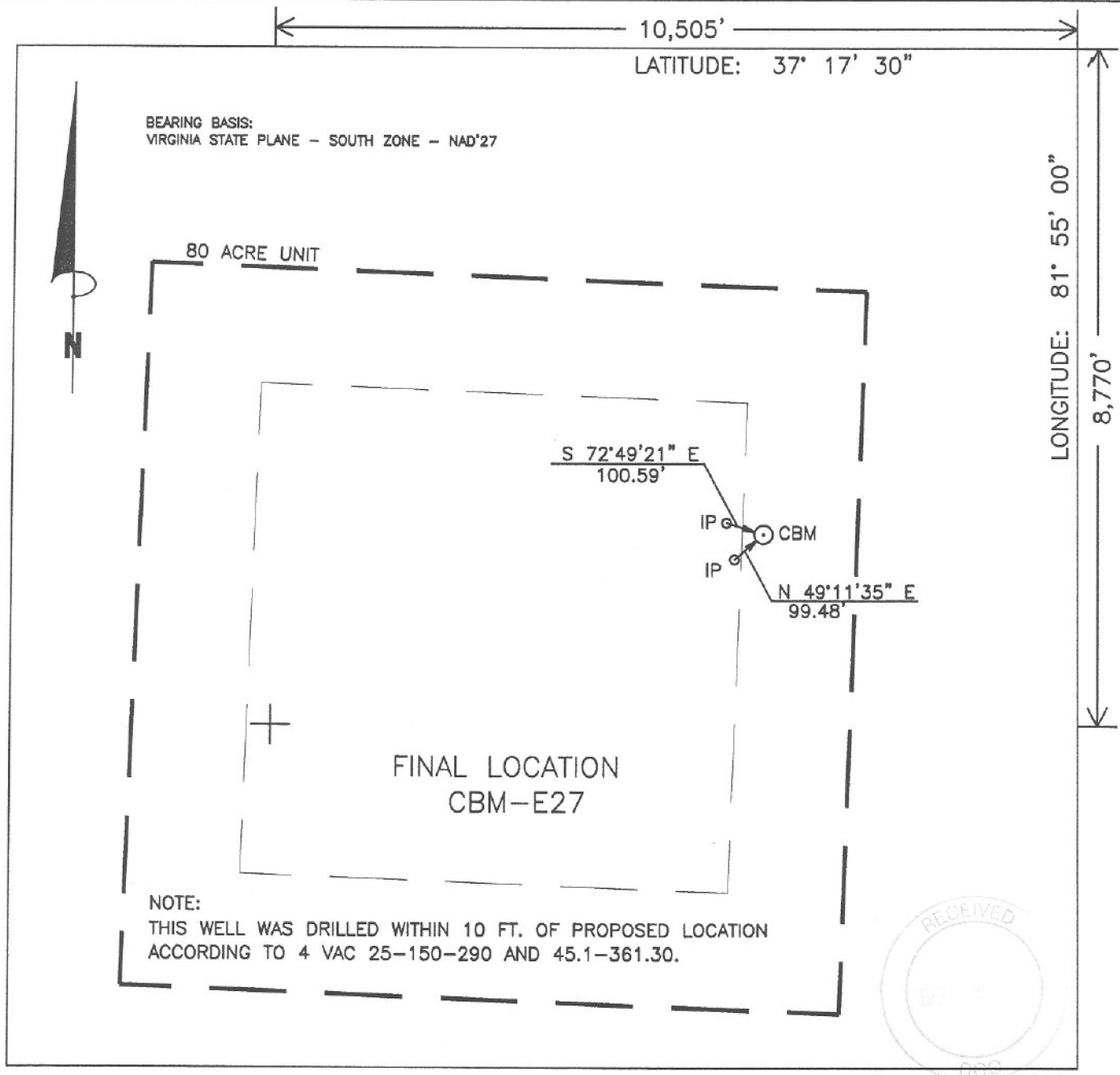
Submit Date: 12/12/2006

Status: Inspr Approved

Date: 12/15/2006

Final PDF Date: 1/10/2007

BU-3118



WELL LOCATION PLAT

E27FNL
1N13/05-0802/39

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-E27
 TRACT NUMBER C L RITTER LUMBER CO QUADRANGLE PATERSON
 DISTRICT: GARDEN

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE : N 358,531.85 E 995,486.76
 ELEVATION: 2364.63' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC. BM'S
 COUNTY BUCHANAN Scale: 1" = 400' Date 07-11-06

THIS PLAT IS A NEW PLAT ; AN UPDATED PLAT ; OR A FINAL LOCATION PLAT

+ Denotes the location of a well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown (optional).

D.R. Price

 Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

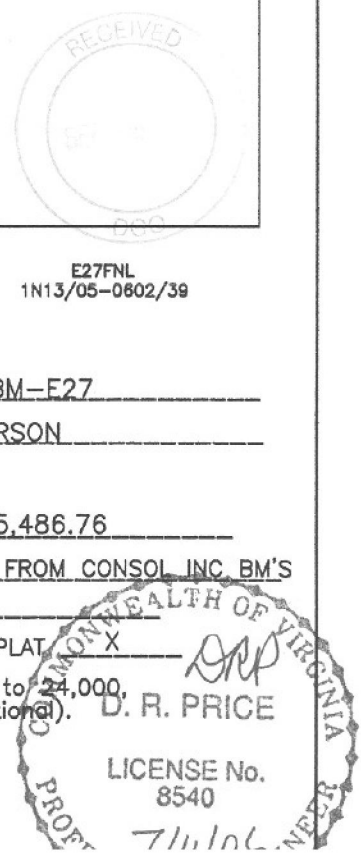


Exhibit A

Well Name: 06-CNX-E-27

SURFACE ELEV: 2364.63 EASTING: 995486.76 NORTHING: 358531.85

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
	1.00	130.80	2363.63	129.80	
DR	130.80	131.30	2233.83	0.50	
	131.30	170.20	2233.33	38.90	
NR2	170.20	171.00	2194.43	0.80	
	171.00	182.70	2193.63	11.70	
HG1	182.70	183.40	2181.93	0.70	
	183.40	298.10	2181.23	114.70	
SD1	298.10	298.40	2066.53	0.30	
	298.40	318.10	2066.23	19.70	
SD2	318.10	319.00	2046.53	0.90	
	319.00	320.20	2045.63	1.20	
COAL	320.20	321.70	2044.43	1.50	
	321.70	351.30	2042.93	29.60	
UB1	351.30	352.70	2013.33	1.40	
	352.70	456.90	2011.93	104.20	
LB1	456.90	458.70	1907.73	1.80	MINED OUT
	458.70	625.90	1905.93	167.20	
KN1	625.90	627.00	1738.73	1.10	
	627.00	632.00	1737.63	5.00	
KN2	632.00	632.60	1732.63	0.60	
	632.60	889.80	1732.03	257.20	
RA3	889.80	890.00	1474.83	0.20	
	890.00	1015.90	1474.63	125.90	
JB3	1015.90	1017.90	1348.73	2.00	
	1017.90	1030.50	1346.73	12.60	
COAL	1030.50	1030.70	1334.13	0.20	
	1030.70	1032.40	1333.93	1.70	
T2	1032.40	1032.70	1332.23	0.30	
	1032.70	1048.00	1331.93	15.30	
T1	1048.00	1048.50	1316.63	0.50	
	1048.50	1060.80	1316.13	12.30	
TI	1060.80	1061.10	1303.83	0.30	
	1061.10	1324.00	1303.53	262.90	
*GC2	1324.00	1324.90	1040.63	0.90	
	1324.90	1399.00	1039.73	74.10	
*SE2	1399.00	1399.90	965.63	0.90	
	1399.90	1434.80	964.73	34.90	
*LS1	1434.80	1435.90	929.83	1.10	
	1435.90	1506.60	928.73	70.70	
*UH1	1506.60	1507.70	858.03	1.10	
	1507.70	1540.20	856.93	32.50	
*UH2	1540.20	1540.40	824.43	0.20	
	1540.40	1732.70	824.23	192.30	
*P11	1732.70	1737.40	631.93	4.70	
	1737.40	1838.00	627.23	100.60	
*P91	1838.00	1838.40	526.63	0.40	
	1838.40	1841.40	526.23	3.00	
*P92	1841.40	1842.30	523.23	0.90	
	1842.30	1843.60	522.33	1.30	
*COAL	1843.60	1843.80	521.03	0.20	
	1843.80	1890.60	520.83	46.80	
*P81	1890.60	1891.00	474.03	0.40	
	1891.00	2088.70	473.63	197.70	
*P51	2088.70	2091.00	275.93	2.30	

	2091.00	2213.84	273.63	122.84
*P3	2213.84	2214.61	150.79	0.77
	2214.61	2215.08	150.02	0.47
*P3	2215.08	2216.92	149.55	1.84
	2216.92	2319.80	147.71	102.88
*P01	2319.80	2319.90	44.83	0.10
	2319.90	2377.70	44.73	57.80
*SJ2	2377.70	2377.90	-13.07	0.20
	2377.90	2447.00	-13.27	69.10
*COAL	2447.00	2447.20	-82.37	0.20
	2447.20	2523.26	-82.57	76.06

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
 COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS
 WELL'S PROXIMITY TO DISMAL CREEK.
 GAMMA-CALIPER LOG FROM 0 TO 530.00
 GAMMA-DENSITY LOG FROM 530.00 TO TD.

FILE: C:\VP\APPS\E27.CMP
 DATE: 07/19/06

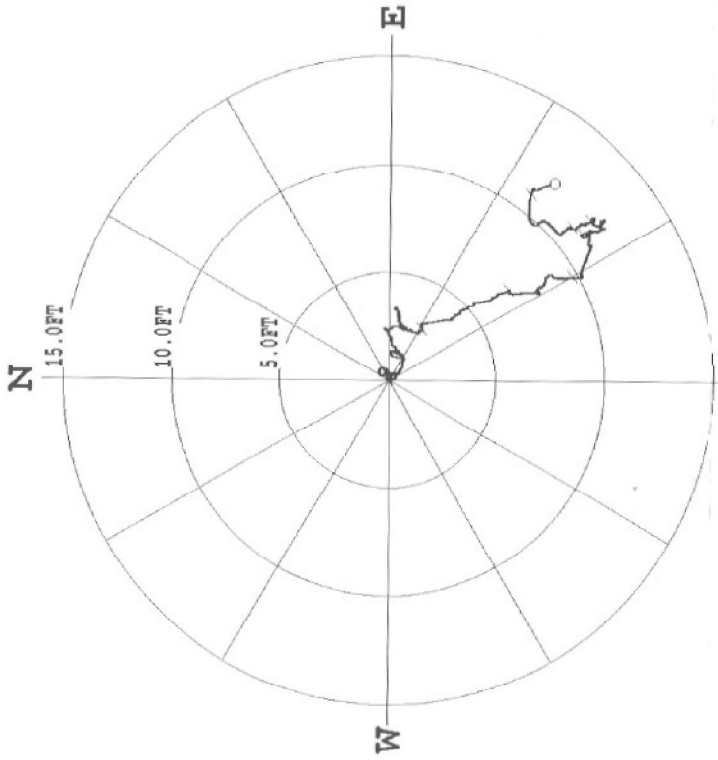
FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton	1435	1737	302	Not Taken		
Pocahontas	2089	2217	128	Not Taken		

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: Consol Energy
 LOCATION:
 HOLE ID: 06-CNX-E-27
 DATE OF LOG: 06/24/06
 PROBE: 9136CA 955

SCALE: 5 FT/IN
 TRUE DEPTH: 2512.54 FT
 AZIMUTH: 129.8
 DISTANCE: 11.9 FT
 + = 300 FT INCR
 O = BOTTOM OF HOLE

MAG DECL: -6.9



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT	: Consol Energy	HOLE ID.	: 06-CNX-E-27
FIELD OFFICE	: Vasant, Va	DATE OF LOG	: 06/24/06
DATA FROM	:	PROBE	: 9136CA , 955
MAG. DECL.	: -6.900	DEPTH UNITS	: FEET
LOG:	06-CNX-E-27_06-24-06_16-40_9136CA_02_-0.02_2512.95_DEVI.log		

CASING AND TUBING PROGRAM

	Casing	Casing Interval	Hole Size	Cement Used In Cu/Ft	Cemented To Surface		Date Cemented	Packers Or Bridge Plugs Kind/Size/Set
					Yes	No		
Conductor	13 3/8"	27.75'	15"		<input type="checkbox"/>	X	6-21-06	
Surface	7"	530.65'	8 7/8"	147.5 Cu/ft		X	6-22-06	Basket@398'
Water Protection	4 1/2"	2278.21'	6 1/2"	366 Cu/ft	X	<input type="checkbox"/>	6-24-06	
Coal Protection	4 1/2"	2278.21'	6 1/2"	366 Cu/ft	X	<input type="checkbox"/>	6-24-06	
Other Casing And Tubing Left In Well					<input type="checkbox"/>	<input type="checkbox"/>		
Liners					<input type="checkbox"/>	<input type="checkbox"/>		

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX

HOLE #: E-27

LOCATION:

DRILL RIG #: 17

DATE STARTED: 06-21-06

DATED COMPLETED: 06-25-06

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	27.75	27.75	OVERBURDEN/SANDY SHALE	
27.75	60	32.25	SANDY SHALE	
60	90	30	SANDY SHALE/SAND	
90	120	30	SAND/SANDY SHALE/SAND	
120	150	30	SAND/COAL/SANDY SHALE	
150	180	30	SANDY SHALE/COAL/SANDY SHALE	
180	210	30	SANDY SHALE/COAL/SAND	
210	240	30	SAND/SANDY SHALE	
240	270	30	SANDY SHALE	
270	300	30	SANDY SHALE/COAL/SAND	
300	330	30	SAND/COAL/SANDY SHALE	
330	360	30	SANDY SHALE/SAND	
360	390	30	SAND/SANDY SHALE	
390	420	30	SANDY SHALE	
420	450	30	SANDY SHALE/SAND	
450	480	30	SANDY SHALE/SAND/VOID AT 457-462	
480	510	30	SANDY SHALE/COAL/SAND	
510	540	30	SAND	
540	555	15	SAND/SANDY SHALE	
555	565	10	SANDY SHALE	
565	595	30	SANDY SHALE/SAND	
595	625	30	SAND/SANDY SHALE	
625	655	30	SANDY SHALE/COAL/SAND	
655	685	30	SAND/SANDY SHALE/COAL/SANDY SHALE	
685	715	30	SANDY SHALE/SAND	
715	775	60	SAND	
775	805	30	SAND/SANDY SHALE	
805	835	30	SANDY SHALE/COAL/SAND	
835	865	30	SAND/SANDY SHALE	
865	895	30	SANDY SHALE	
895	925	30	SANDY SHALE/SAND	
925	955	30	SAND/SANDY SHALE	
955	985	30	SAND/SANDY SHALE	
985	1015	30	SANDY SHALE/SAND/COAL	
1015	1045	30	SANDY SHALE/COAL/SAND	
1045	1075	30	SAND/SANDY SHALE/SAND	
1075	1105	30	SAND/SANDY SHALE	
1105	1135	30	SANDY SHALE	
1135	1165	30	SANDY SHALE/SAND	
1165	1195	30	SAND STONE	
1195	1225	30	SAND/SANDY SHALE/SAND	
1225	1255	30	SAND/SANDY SHALE	

1255	1315	60	SANDY SHALE/SAND/SANDY SHALE
1315	1345	30	SANDY SHALE
1345	1375	30	SANDY SHALE/COAL/SAND
1375	1405	30	SAND/COAL/SANDY SHALE
1405	1435	30	SANDY SHALE/SAND
1435	1465	30	SAND/SANDY SHALE
1465	1495	30	SANDY SHALE/COAL/SAND
1495	1525	30	SAND/SANDY SHALE
1525	1555	30	SANDY SHALE/SAND/SANDY SHALE
1555	1585	30	SANDY SHALE/SAND
1585	1615	30	SAND STONE
1615	1645	30	SAND/SANDY SHALE
1645	1675	30	SANDY SHALE/SAND
1675	1705	30	SAND/COAL/SANDY SHALE
1705	1735	30	SANDY SHALE/COAL/SANDY SHALE
1735	1765	30	SANDY SHALE
1765	1795	30	SANDY SHALE/SAND
1795	1825	30	SAND/SANDY SHALE/SAND
1825	1855	30	SAND/SANDY SHALE
1855	1885	30	SANDY SHALE/SAND/SANDY SHALE
1885	1915	30	SANDY SHALE/COAL/SAND
1915	1945	30	SAND
1945	1975	30	SAND/SANDY SHALE/SAND
1975	2065	90	SAND
2065	2095	30	SAND/SANDY SHALE/COAL/SANDY SHALE
2095	2125	30	SANDY SHALE/SAND
2125	2155	30	SAND/SANDY SHALE/SAND
2155	2185	30	SAND/SANDY SHALE
2185	2215	30	SANDY SHALE
2215	2225	10	SANDY SHALE
2225	2229	4	P-3 SEAM
2229	2275	46	SAND
2275	2305	30	SAND/SANDY SHALE
2305	2335	30	SANDY SHALE/SAND
2335	2365	30	SAND/SANDY SHALE
2365	2395	30	SANDY SHALE/SAND
2395	2425	30	SAND/SANDY SHALE/SAND
2425	2455	30	SANDY SHALE/SAND
2455	2485	30	SAND/SANDY SHALE/SAND
2485	2515	30	SAND/SANDY SHALE

2515.00 FT. TOTAL DEPTH
27.75 FT. OF 13 3/8" CASING
530.65 FT. OF 7" CASING
2278.21 FT. OF 4 1/2" CASING